

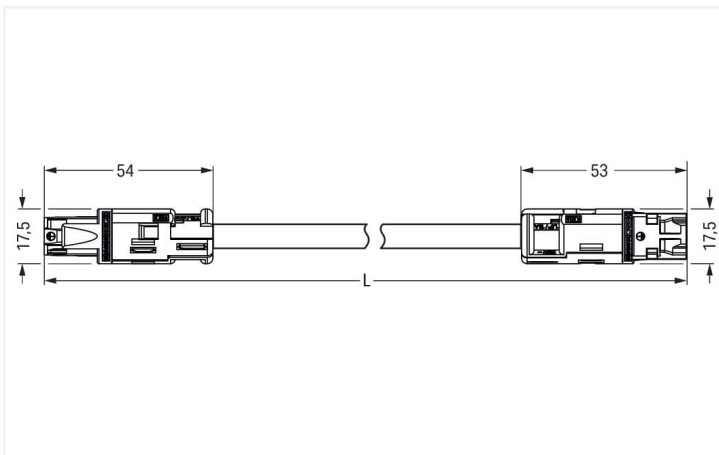
Data Sheet | Item Number: 774-9994/016-602

pre-assembled interconnecting cable; Eca; Socket/plug; 4-pole; Cod. A; H05Z1Z1-F
4G 1.5 mm²; 6 m; 1,50 mm²; white

<https://www.wago.com/774-9994/016-602>



Color: ■ white



Dimensions in mm



Cable assembly WINSTA® RD with protection against mismating

The WINSTA® RD cable assembly rated current 16 A is the pluggable solution for your use in control cabinets, for lighting connections or on PCBs. For greater security in electrical installations, the pluggable installation connector is provided with mechanical protection against mismating. The pluggable installation connector is protected in accordance with protection type IP20 (When mated: IP2xC (These compact connectors are not designed for use in open, easily accessible areas!)). This means that users' fingers will never come into contact with energised contact elements. The WINSTA® RD features a round design that is very good for installation in conduits with an inner diameter of 20 mm, for example in construction of prefabricated houses. This product meets all the relevant fire protection requirements of fire class E; thus it can be used in domains where fire safety is relevant. In the manufacturing of this cable assembly, we eliminated the use of halogen. This is an important contribution to climate protection.

Fast, secure pluggable connections – cable assemblies from WAGO

The cable is pre-assembled with a socket and a plug. The WINSTA® Pluggable Connection System allows pluggable electrical installation. This significantly reduces the need for servicing and lowers costs. Now you can also cut installation expenses without compromising quality and safety: with protection type IP20 eliminates the need for servicing and prevents unnecessary downtime.

- pluggable installation connectors with protection against mismating
- products perfectly tailored to your requirements guarantee safe use
- for any mains application
- ready for immediate use
- rapid, structured electrical installation

Notes	
Note	Cables with a different fire class can be found in the eShop.

Electrical data				
Ratings per		IEC/EN 60664-1		
Overvoltage category		III	III	II
Pollution degree		3	2	2
Nominal voltage		250 V	-	-
Rated surge voltage		4 kV	-	-
Rated current		16 A	-	-

General information	
Note on contact resistance	approx. 1 mΩ of contact resistance approx. 0.25 mΩ contact transition plug/ socket

Connection data	
Total number of potentials	4

Connection 1	
Pole number	4
Sheathed cable diameter	8.4 ... 10.5 mm
Wire cross-section	1.5 mm²
Connection type	Socket - Plug

Physical data	
Width	17.5 mm / 0.689 inches
Height	17.5 mm / 0.689 inches
Total length	6 m

Mechanical data

Use	General mains applications
Coding	A
Variable coding	No
Marking	N 2 1
Mating force of a plug-in connection	Approx. 30 ... 70 N (depending on pole number)
Retention force of a plug-in connection	when locked: > 80N
Unmating force of a plug-in connection	Unlocked: approx. 30 ... 70 N (depending on pole number)
Number of mating cycles	200, without resistive load
Connection type	Socket - Plug
Type of pre-assembled cable	Interconnecting cable
Cable type	H05Z1Z1-F 4G1.5
Protection type	IP20; When mated: IP2xC (These compact connectors are not designed for use in open, easily accessible areas!)

Plug-in connection

Mismating protection	Yes
Note on mismating protection	All WINSTA® components are 100% protected against mismating when: a.) plugging different numbers of poles b.) plugging while incorrectly rotated c.) plugging while laterally staggered
Locking lever	Yes
Locking of plug-in connection	Locking lever

Material data

Note (material data)	Information on material specifications can be found here
Color	white
Insulation material (main housing)	Polyamide (PA66)
Fire class per EN 50575	E _{ca}
Contact material	Copper or copper alloy; surface-treated
Contact Plating	Tin
Fire load	178.824 MJ
Connector color	white
Strain relief color	white
Sheathed cable color	white
Printing color of sheathed cable	black
Halogen-free	Yes
Silicon-free	Yes
Sheath material	Halogen-free
Rubber cable	No
Weight	718.7 g
Copper weight of the pipe	0.058 kg/m

Environmental requirements

Processing temperature	-5 ... +40 °C
Continuous operating temperature	-35 ... +85 °C
Note on continuous operating temperature	Cable for temperatures ≤ 70 °C (including halogen-free) Insulating parts for temperatures ≤ 105 °C



Commercial data	
eCl@ss 10.0	27-44-06-04
eCl@ss 9.0	27-44-06-04
ETIM 8.0	EC002587
ETIM 7.0	EC002587
PU (SPU)	1 pcs
Packaging type	unpacked
Country of origin	DE
GTIN	4045454345730
Customs tariff number	85444290900

Environmental Product Compliance	
RoHS Compliance Status	Compliant, No Exemption

Approvals / Certificates

General approvals		Declarations of conformity and manufacturer's declarations	
CCA CCA KEMA KEUR KEMA KEUR KEMA KEUR			
Approval	Standard	Certificate Name	
CCA DEKRA Certification B.V.	EN 61535	NTR NL-7969	EU-Declaration of Confor- mity WAGO GmbH & Co. KG
CCA DEKRA Certification B.V.	EN 61984	NTR NL-7848	UK-Declaration of Confor- mity WAGO GmbH & Co. KG
KEMA/KEUR DEKRA Certification B.V.	EN 61535	71-123229	
KEMA/KEUR DEKRA Certification B.V.	EN 61984	71-114944	
KEMA/KEUR DEKRA Certification B.V.	-	2118353.01	

Downloads

Environmental Product Compliance	
Compliance Search	
Environmental Product Compliance 774-9994/016-602	

Documentation

Bid Text			
774-9994/016-602	19.02.2019	xml 2.97 KB	
774-9994/016-602	08.01.2015	doc 23.50 KB	



CAD/CAE-Data	
CAE data	
EPLAN Data Portal 774-9994/016-602	
WSCAD Universe 774-9994/016-602	